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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 15, 2002
Date

Linda Hykes
Linda Hykes

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gibbons, et.al.

Application No. : 09/826,354

Filed : April 5, 2001

For : REMOTE WIRELESS UNIT HAVING REDUCED POWER
OPERATING MODE FOR A DISCRETE MULTITONE
SPREAD SPECTRUM COMMUNICATIONS SYSTEM

RECEIVED

MAY 08 2002

Technology Center 2600

Art Unit : 2682

Docket No. : 101948028US4

Date : November 9, 2001

Commissioner for Patents
Washington, DC 20231

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the above-identified application, I, Kathleen J. Buckley, declare that I am the Assistant Secretary of AT&T Wireless Services, Inc., the assignee of the entire interest. Documentary evidence of chain of title from the original owners to AT&T Wireless Services, Inc., was filed with and recorded by the United States Patent Office at Reel 011747, Frame 0332 for Application 08/803,835 filed February 24, 1997 of which the present application is a continuation thereof. The evidentiary documents referred to in the instant Revocation and Substitute Power of Attorney have been reviewed by the undersigned, and it is certified that, to the best of Kathleen J. Buckley's

belief, title is in AT&T Wireless Services, Inc. I hereby revoke all powers of attorney heretofore given and appoint JERRY A. RIEDINGER, Registration No. 30,582; MAURICE J. PIRIO, Registration No. 33,273; MICHAEL D. BROADDUS, Registration No. 41,637; CATHERINE HONG TRAN, Registration No. 43,960; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; JAMES A.D. WHITE, Registration No. 43,985; EDWARD S. HOTCHKISS, Registration No. 33,904; JAMES NICKELSON, Registration No. 46,140; MARK A. THOMAS, Registration No. 37,953; BRETON A. BOCCHIERI, Registration No. 31,739; BARBARA B. COURTNEY, Registration No. 42,442; PETER J. DEHLINGER, Registration No. 28,006; LEE ANN GORTHEY, Registration No. 37,337; RICHARD L. GREGORY, Registration No. 42,607; LINDA R. JUDGE, Registration No. 42,702; MICHAEL MARTENSEN, Registration No. 46,901; JUDY M. MOHR, Registration No. 38,563; and LARRY THROWER, Registration No. 47,994, all of Perkins Coie LLP, and KATHLEEN J. BUCKLEY, Registration No. 40,539, of AT&T Wireless Services, Inc., as the principal attorneys with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all correspondence to Customer Number 30083.

Bar Code:

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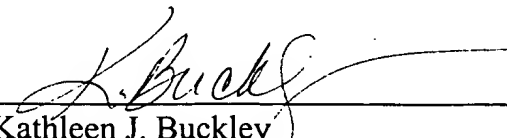
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PATENT TRADEMARK OFFICE

AT&T Wireless Services, Inc.

Date

9/28/2001


Kathleen J. Buckley
Assistant Secretary

ASSIGNMENT AND AGREEMENT

For value received, we, David Gibbons, of Redmond in the County of King and State of Washington, and James Timothy Golden, of Carnation in the County of King and State of Washington, hereby sell, assign and transfer to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 5000 Carillon Point, Kirkland, Washington 98033, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Remote Wireless Unit Having Reduced Power Operating Mode For A Discrete Multitone Spread Spectrum Communications System** described in an application for Letters Patent of the United States, Serial No. 08/803835, filed February 24, 1997, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Wireless Services, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Wireless Services, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Wireless Services, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.

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We agree that, when requested, we shall, without charge to AT&T Wireless Services, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

D. B. Gibbons
David Gibbons

Date: 9/4/97

United States of America)

State of VA) ss.:

County of KING)

On this 4th day of September, 1997, before me personally came David Gibbons, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ruby Tarr
Notary Public



D. Gibbons 4-3

James Timothy Golden
James Timothy Golden

Date: 10/1/97

United States of America)
State of Washington) ss.:
County of King)

On this 1st day of October, 1997, before me personally came James Timothy Golden, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Carol A. Rice
Notary Public

Carol A. Rice, residing
at Duwall, WA
My commission expires
12-19-2000.